

## **MAGNETIC SHIELD FOR INTEGRATED CIRCUIT PACKAGING**

### **Abstract of the Disclosure**

Structures and methods for providing magnetic shielding for integrated circuits are disclosed. The shielding comprises a foil or sheet of magnetically permeable material applied to an outer surface of a molded (e.g., epoxy) integrated circuit package. The foil can be held in place by adhesive or by mechanical means. The thickness of the shielding can be tailored to a customer's specific needs, and can be applied after all high temperature processing, such that a degaussed shield can be provided despite use of strong magnetic fields during high temperature processing, which fields are employed to maintain pinned magnetic layers within the integrated circuit.

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